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□ □ □ □	-----	5
2-1 □ □		5
2-2 □ □ □		5
□ □ □ □ □ □ □ □ □ □	-----	6
□ □ □ □ □ □ □	-----	7
4-1 □ □ □ □ □ □		7
4-2 □ □ □ □ □ □ □		8
4-3 □ □		10
□ □ □ □	-----	11
5-1 □ □ □		11
5-2 □ □ □ □		13
5-3 □ □ □ □ □ □		13
□ □ □ □ □ □ □ □ □ □ □ □	-----	14
6-1 □ □ □ □ □ □ □ □ □ □		14
6-2 □ □ □ □ □ □ □ □ □ □ □		14
□ □ □ □	-----	18
□ □ □ □ □ □	-----	19
□ □ □ □	-----	20
□ □ □ □ □ □	-----	21
□ □ □ □ □ □	-----	21
□ □ □ □ □ □ □	-----	22

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(1) ☐ ☐ ☐ ☐

[illegible]

(2) ☐ ☐ ☐ ☐ ☐ ☐

500ns

(3) ☐ ☐ ☐

[illegible]

(4) □ □ □ □ □ □ □

□ □ □ □ □ □ □ □ □ □

**①**

② □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

[illegible]

④ □

[illegible][illegible][illegible]

(5)   

\_\_\_\_\_

0.3mm

A horizontal scale bar with a double-headed arrow and the text "50m" in the center. The bar is divided into five equal segments by vertical tick marks.

[illegible][illegible]

①  100nm

②

(7) ☐ ☐ ☐ ☐

[illegible]

[2]

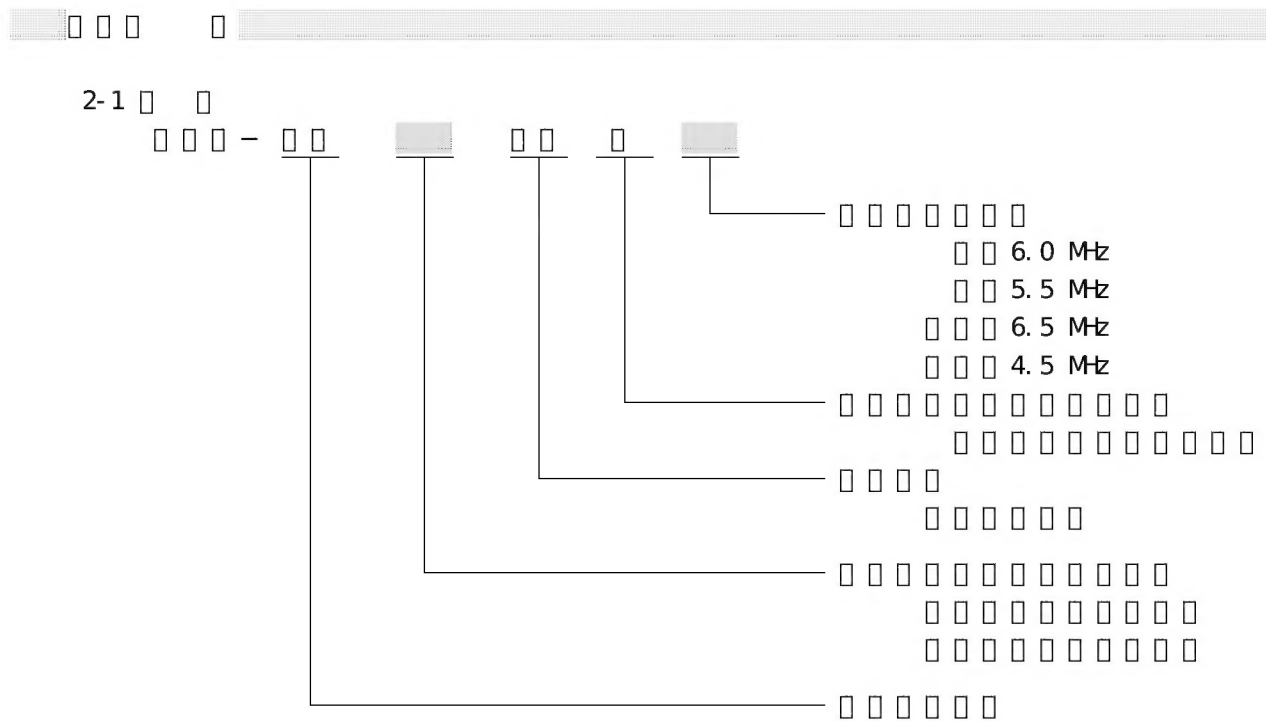
(8) □ □ □ □ □ □

Timing diagram showing a 30ns period. The signal is high for approximately 15ns and low for approximately 15ns.

**QUESTION**

(9) □ □ □ □ □ □ □ □ □ □ □ □

[illegible][illegible]



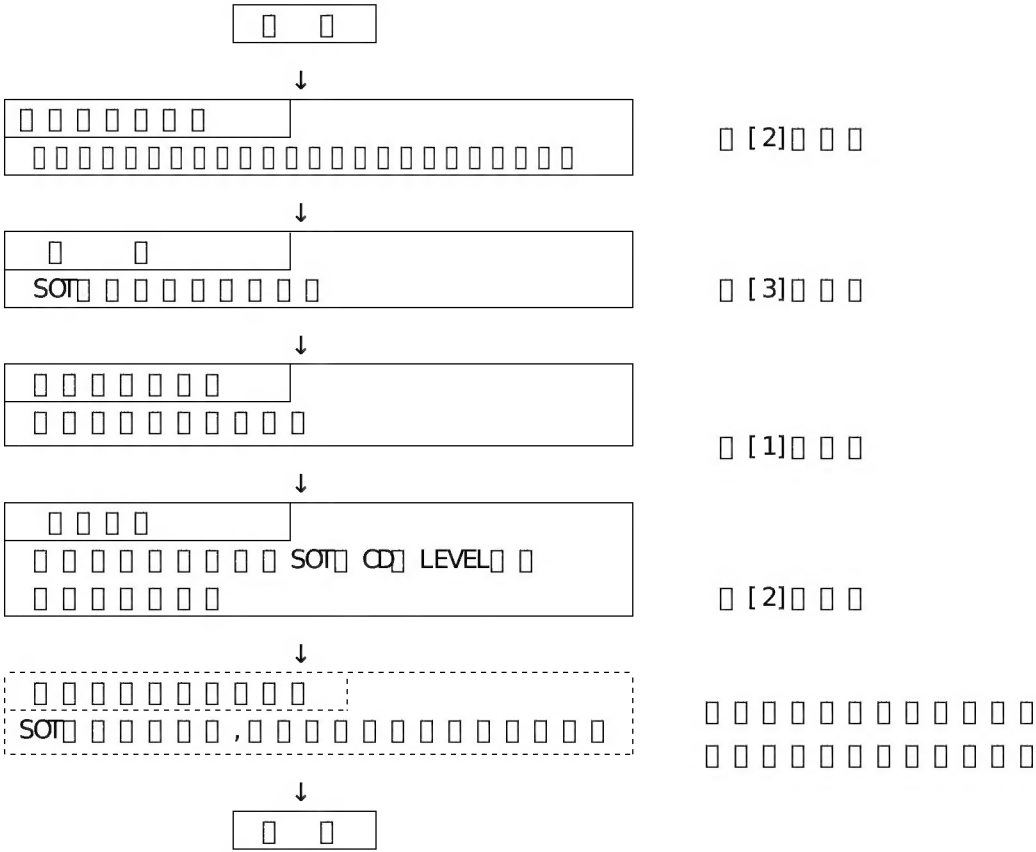
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2-2 ☐ ☐ ☐[illegible]

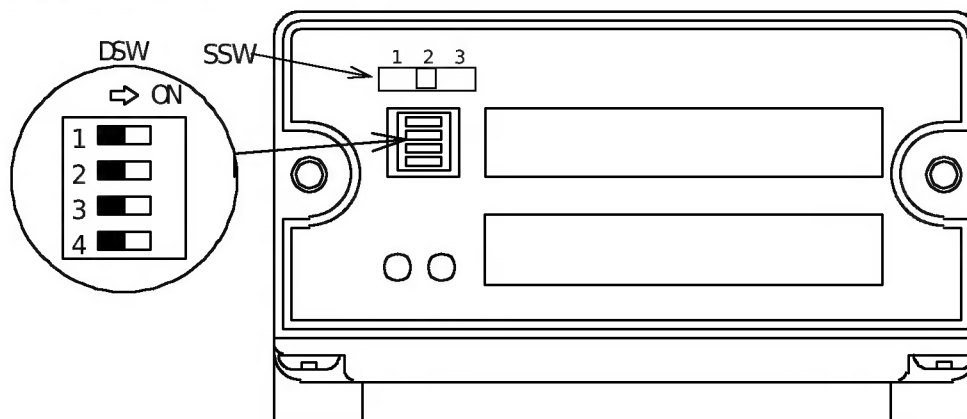




4-1 □ □ □ □ □ □



4-2 □ □ □ □ □ □ □ □

[illegible]

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[illegible][illegible]

30ns

(2) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

[illegible][illegible][illegible]

(3) □

[illegible][illegible]

**SWL**, 3, 4



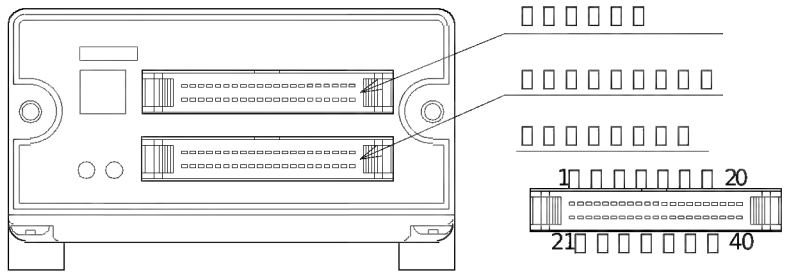




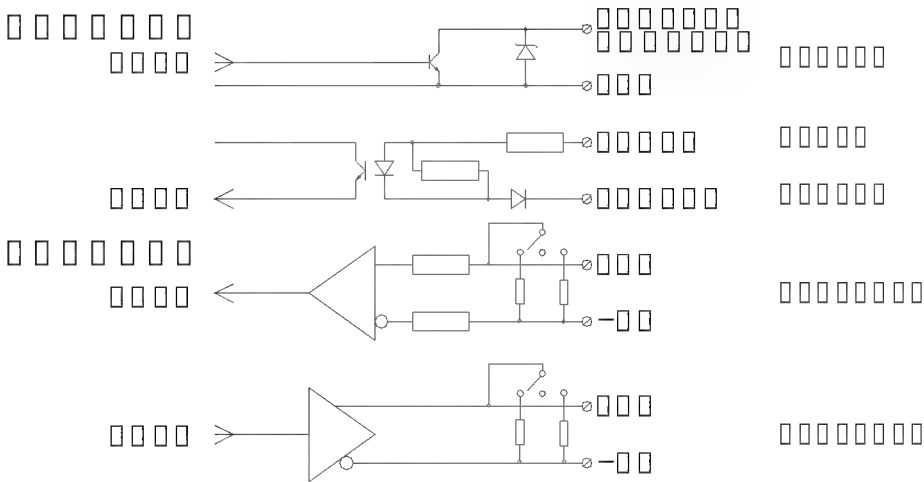
5-1

(1)

1	+RD	0V	21	IN26	26	OUT26	26		
2	EXT+V	24V	22	IN10	10	OUT10	10		
3	-RD	0V	23	IN25	25	OUT25	25		
4	EXT+V	24V	24	IN9	9	OUT9	9		
5	+SD	ALM	25	IN24	24	OUT24	24		
6	GND	GND	26	IN8	8	OUT8	8		
7	-SD	COM	27	IN23	23	OUT23	23		
8	GND	GND	28	IN7	7	OUT7	7		
9	INB2	32	29	IN22	22	OUT22	22		
10	INL6	16	30	IN6	6	OUT6	6		
11	INB1	31	31	IN21	21	OUT21	21		
12	INL5	15	32	IN5	5	OUT5	5		
13	INB0	30	33	IN20	20	OUT20	20		
14	INL4	14	34	IN4	4	OUT4	4		
15	IN29	29	35	IN19	19	OUT19	19		
16	INL3	13	36	IN8	3	OUT3	3		
17	IN28	28	37	IN18	18	OUT18	18		
18	INL2	12	38	IN2	2	OUT2	2		
19	IN27	27	39	IN17	17	OUT17	17		
20	INL1	11	40	IN1	1	OUT1	1		



(2)



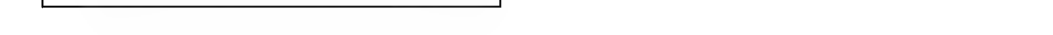




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[illegible]

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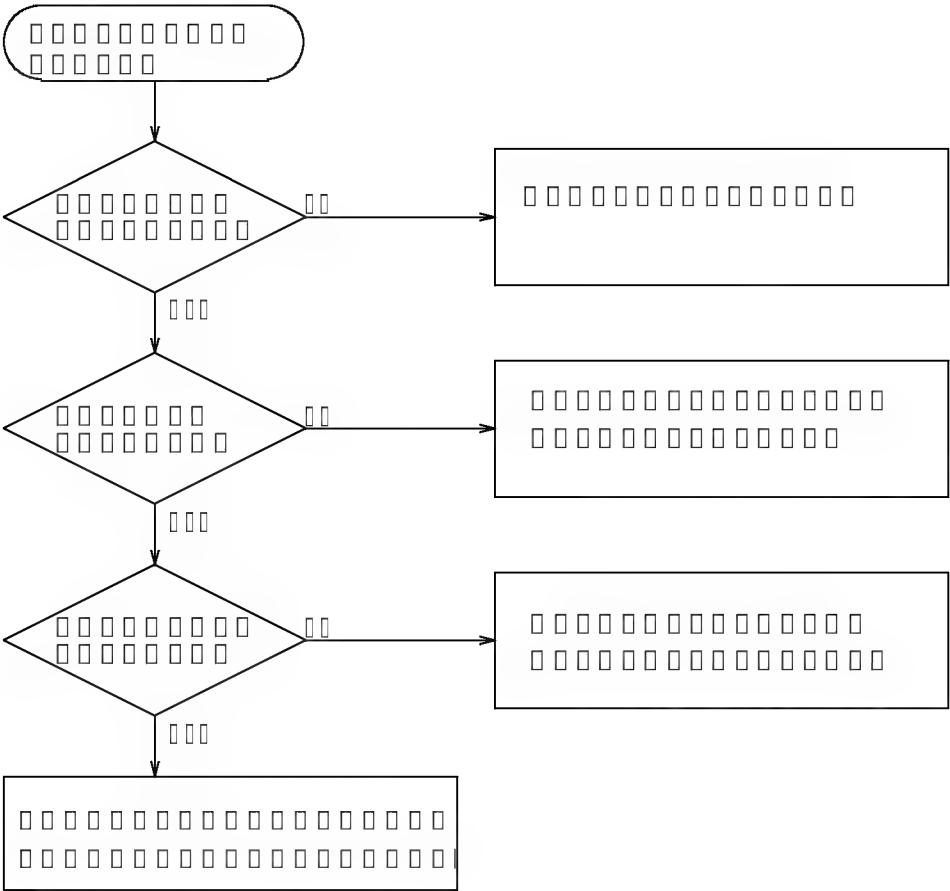








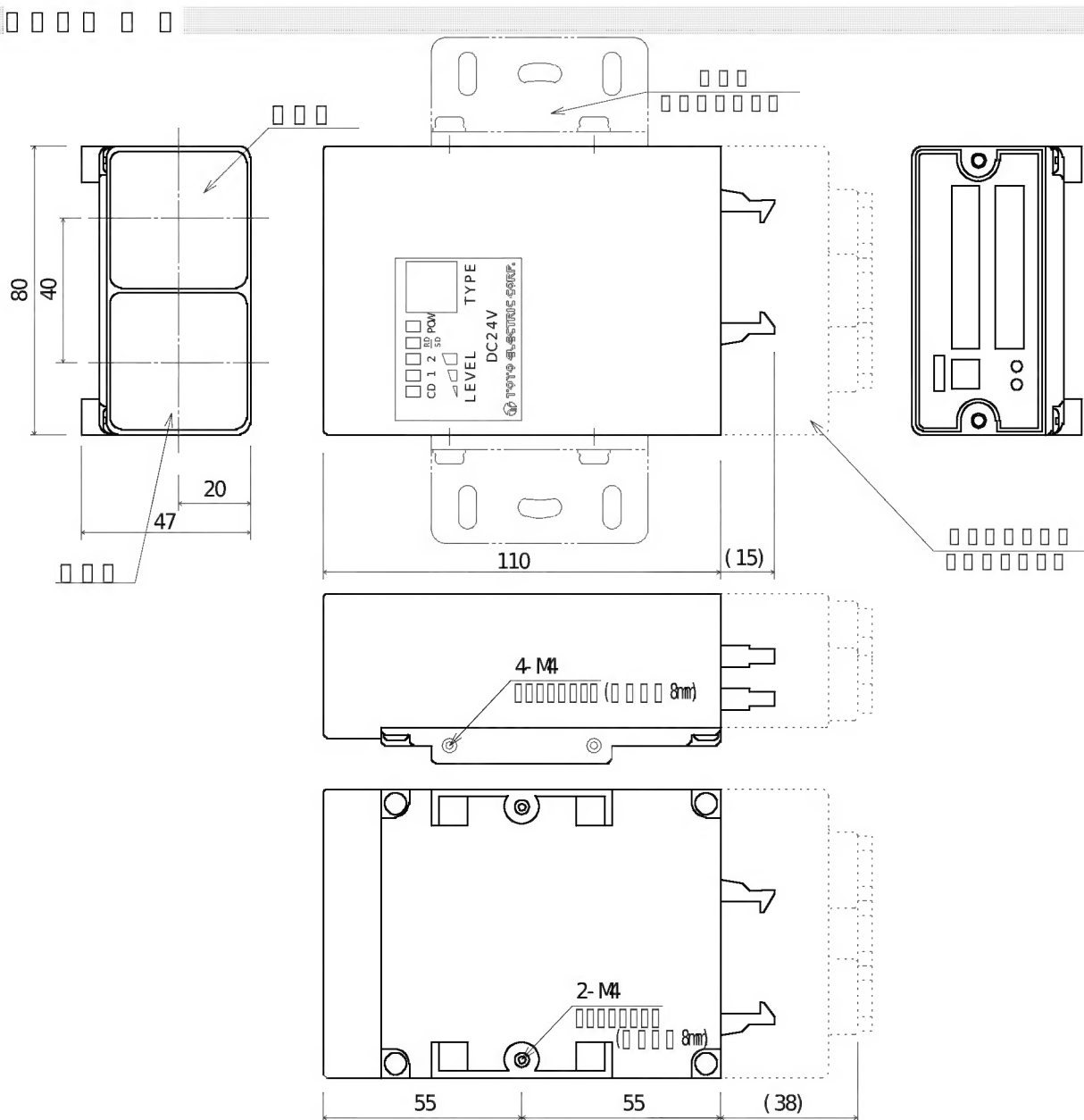
(4) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □





[illegible][illegible]

1.			- -
2.			$\pm$
3.			
4.			at
5.			
6.			°
7.			
8.			
9.			
10.			7ns MAX 12ns MAX
11.			
12.			NPN
13.			RS485 RS422 9600bps
14.			ALM [OFF] NPN CDO [ON]
15.			40P TX1- 40S-D2P1- 1D 0.635mm FRC ) TX2- 40S-D2P1- 1C 1.27mm FRC )
16.			POW : LED CD : LED LEVEL : 2 LED SD / RD : LED
17.			SVL: SV2: OFF SV3:
18.			-20 50°C
19.			40 85% ( )
20.			-25 70°C
21.			10,000 x ( )
22.			10 55Hz 1.5mm X[Y Z] 2
23.			500ms² X[Y Z] 10
24.			I P40( I P64( )
25.			80(VV × 110(D) × 47(H)
26.			200g
27.			



(1) ☐ ☐ ☐ ☐

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

(2) ☐ ☐ ☐ ☐

[illegible]

**①**

② □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

[illegible]

④ □ □ □      □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

[illegible][illegible]

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